BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	71	
Item Name:	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Internal) Terrace Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Head Room wall	1	27.000				0.400	10.80	
Lift wall	2	1.000				0.400	0.80	
	4	2.400				0.400	3.84	
Lift Machine Room	4	2.365				0.300	2.84	
Head Room exit	1	6.100				0.300	1.83	
1st Bill						**Qty**	**0.00**	**Sqm**
Second Bill								
Qty vide on Measurement Sheet...File No - 2, Page No - 360						**Qty**	**161.23**	**Sqm**
Third Bill						**Qty**	**20.11**	**Sqm**
						Total Qty Workdone	**181.34**	**Sqm**
						Deduct Paid Qty	**52.50**	**Sqm**
						Qty on this Bill	**0.00**	**Sqm**
						Reserved Qty Want Of Approval	**20.11**	**Sqm**

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore CIVIL

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: 84

Item Name: Providing & applying Two coats of wall putty to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of materials , cost of labour and scafolding etc complete as per specifications.All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace floor walls								
Head Room wall	1	27.000				3.600	97.20	
Lift wall	2	1.000				3.600	7.20	
	4	2.400				3.600	34.56	
Lift Machine Room wall	4	2.365				3.050	28.85	
Head Room exit wall	1	6.100				3.050	18.61	
Terrace floor Ceiling	1	6.700	6.500				43.55	
Deductions								
Lift Door	1	0.900				2.100	-0.95	
Door - D1	1	1.200				2.100	-2.52	
Window	1	2.000				1.500	-3.00	

1st Bill	**Qty**	**0.00 Sqm**
Second Bill		
Provide on Measurement Sheet...File No - 2, Page No - 345	**Qty**	**10629.14 Sqm**
3rd Bill	**Qty**	**223.50 Sqm**
	Total Qty Workdone	**10852.64 Sqm**
	Deduct Paid Qty	**10082.10 Sqm**
	Qty on this Bill	**0.00 Sqm**
	Reserved Qty Want Of Approval	**223.50 Sqm**

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229.97

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Contractor Representative

Consultant Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: 35

Item Name: Providing & applying Painting in in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thouroughly brushing the surface free from morter drops and other forign mater including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications with a) Primer- All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace Floor walls								
Head Room wall	1	27.000				3.600	97.20	
Lift wall	2	1.000				3.600	7.20	
	4	2.400				3.600	34.56	
Lift Machine Room wall	4	2.365				3.050	28.85	
Head Room exit wall	1	6.100				3.050	18.61	
Deductions								
Lift Door	1	0.900				2.100	-0.95	
Door - D1	1	1.200				2.100	-2.52	
Window	1	2.000				1.500	-3.00	
First Bill						Qty	0.00	Sqm
Second Bill								
Qty vide on Measurement Sheet...File No - 2, Page No - 342						Qty	5823.62	Sqm
Third Bill						Qty	179.95	Sqm
						Total Qty Workdone	6003.57	Sqm
						Deduct Paid Qty	5590.40	Sqm
						Qty on this Bill	0.00	Sqm
						Reserved Qty Want Of Approval	179.95	Sqm

186.48

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Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	86
	Providing & applying Painting in in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thouroughly brushing the surface free from morter drops and other forign mater including preparing the surface even and sand paer smooth, cost of materials, labour complete asper specifications with a) Primer : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications. All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace floor Ceiling	1	6.700	6.500				43.55	
Bill						Qty	0.00	Sqm
nd Bill								
ride on Measurement Sheet...File No - 2, Page No - 340						Qty	4899.49	Sqm
d Bill						Qty	43.55	Sqm
						Total Qty Workdone	4943.04	Sqm
						Deduct Paid Qty	4504.20	Sqm
						Qty on this Bill	0.00	Sqm
						Reserved Qty Want Of Approval	43.55	Sqm

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	91	
Item:	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications	
	Terrece Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Height increased from 3.2 to 3.6								
Head Room wall	1.00	27.00				0.40	10.80	
						Qty	0.00	Sqm

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1st Bill		
2nd Bill		
As vide on Measurement Sheet...File No - 2, Page No - 335	Qty	393.21 Sqm
3rd Bill		10.80 Sqm
Total Qty Workdone		404.01 Sqm
Deduct Paid Qty		354.30 Sqm
Qty on this Bill		0.00 Sqm
Reserved Qty Want Of Approval		10.80 Sqm

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

tem No: 92

tem me: KSRB 15-17.5 : Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications. all Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Floor								
Balcony Door	1	1.20				2.100	2.52	
Second Floor								
Balcony Door	1	1.20				2.100	2.52	
Bathroom Doors	4	0.90				2.100	7.56	
Third Floor							0.00	
Balcony Door	1	1.20				2.100	2.52	
Bathroom Doors	4	0.90				2.100	7.56	
						Total Qty Work Done	**22.68**	**Sqm**
						Qty On This Bill	**22.68**	**Sqm**

Clad Cafe

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	93
Item Name:	Providing and applying painting two coats on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foregn matter, sand papering including cost of materials, labour complete as per specifications.All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Floor								
Balcony Door	1	1.20				2.100	2.52	
Second Floor								
Balcony Door	1	1.20				2.100	2.52	
Bathroom Doors	4	0.90				2.100	7.56	
Third Floor							0.00	
Balcony Door	1	1.20				2.100	2.52	
Bathroom Doors	4	0.90				2.100	7.56	
					Total Qty Work Done		**22.68**	**Sqm**
					Qty On This Bill		**22.68**	**Sqm**

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: 94

Item Name: Applying Red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Ground Floor								
Ventilators	28	1.20				0.600	20.16	
Shutters	2	4.70				3.000	28.20	
Shutters - Shop	34	3.05				3.200	331.84	
Duct Grill	1	0.60				3.000	1.80	
First Floor							0.00	
Ventilators	18	1.20				0.600	12.96	
Shutters	44	3.05				3.200	429.44	
Entrance shutters	1	2.50				3.200	8.00	
Windows	1	1.50				1.500	2.25	
	1	2.00				1.500	3.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Second Floor							0.00	
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	
Left and Right office	2	4.00				3.200	25.60	
Entrance shutters	1	2.50				3.200	8.00	
Ventilators	10	0.60				0.600	3.60	
Windows	31	2.00				1.500	93.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Third Floor							0.00	
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	
Left and Right office	2	4.00				3.200	25.60	
Entrance shutters	1	2.50				3.200	8.00	
Ventilators	10	0.60				0.600	3.60	
Windows	31	2.00				1.500	93.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Terrace Floor							0.00	
Exit door	1	1.20				2.100	2.52	
Lift room door	1	0.90				2.100	1.89	

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Windows	1	2.00				1.500	3.00	
Ventilators	1	0.60				0.600	0.36	
						Total Qty Work Done	**1330.39**	**Sqm**
						Qty On This Bill	**1015.90**	**Sqm**
						Reserved Qty Want Of Approval	**314.49**	**Sqm**

AE(EP)-2 RRN

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: 95

Item Name: Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Ground Floor								
Ventilators	28	1.20				0.600	20.16	
Shutters	2	4.70				3.000	28.20	
Shutters - Shop	34	3.05				3.200	331.84	
Duct Grill	1	0.60				3.000	1.80	
First Floor							0.00	
Ventilators	18	1.20				0.600	12.96	
Shutters	44	3.05				3.200	429.44	
Entrance shutters	1	2.50				3.200	8.00	
Windows	1	1.50				1.500	2.25	
	1	2.00				1.500	3.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Second Floor							0.00	
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	
Left and Right office	2	4.00				3.200	25.60	
Entrance shutters	1	2.50				3.200	8.00	
Ventilators	10	0.60				0.600	3.60	
Windows	31	2.00				1.500	93.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Third Floor							0.00	
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	
Left and Right office	2	4.00				3.200	25.60	
Entrance shutters	1	2.50				3.200	8.00	
Ventilators	10	0.60				0.600	3.60	
Windows	31	2.00				1.500	93.00	
Duct Grill	1	0.60				3.000	1.80	
East side Handrail	1	61.50				0.900	55.35	
Terrace Floor							0.00	
Exit door	1	1.20				2.100	2.52	
Lift room door	1	0.90				2.100	1.89	

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Windows	1	2.00				1.500	3.00	
Ventilators	1	0.60				0.600	0.36	
						Total Qty Work Done	**1330.39**	**Sqm**
						Qty On This Bill	**1015.90**	**Sqm**
						Reserved Qty Want Of Approval	**314.49**	**Sqm**

AEE(P)-2 RR

CIVIL QUALITY CONSULTANTS & ENGINEERS ★ Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	119
Item Name:	Providing White Sal Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications -Second and Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Entrance Doors	4.00	6.00	0.15			0.08	0.27	
South side balcony door	1.00	6.60	0.15			0.08	0.07	
Third Floor								
Bathroom Entrance Doors	4.00	6.00	0.15			0.08	0.27	
South side balcony door	1.00	6.60	0.15			0.08	0.07	
First Floor								
South side balcony door	1.00	6.60	0.15			0.08	0.07	
						Total Qty Work Done	**0.76**	**Cum**
						Qty on this Bill	**0.76** 0.75	**Cum**

AEE(P)-2

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **120**

Item Name: Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification.Second Floor and Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Entrance Doors	4.00	0.90				2.10	7.56	
South side balcony door	1.00	1.20				2.10	2.52	
Third Floor								
Bathroom Entrance Doors	4.00	0.90				2.10	7.56	
South side balcony door	1.00	1.20				2.10	2.52	
First Floor								
South side balcony door	1.00	1.20				2.10	2.52	
						Total Qty Work Done	**22.68**	**Sqm**
						Qty on this Bill	**22.68**	**Sqm**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	121
Item Name:	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame..Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Doors	8.00	4.35					34.80	
						Total Qty Work Done	**34.80**	**Sqm**
						Qty on this Bill	**34.80**	**Sqm**

AEE(B) 2 RRN

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **122**

Item Name: Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.and Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
Bathroom Doors	8.00	4.35					34.80	
						Total Qty Work Done	**34.80**	**Sqm**
						Qty on this Bill	**34.80**	**Sqm**

AEE(P) 2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

123	

Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Doors	8.00	0.75				2.10	12.60	
						Total Qty Work Done	12.60	Sqm
						Qty on this Bill	12.60	Sqm

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CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	124
Item Name:	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Doors	8.00	0.75				2.10	12.60	
						Total Qty Work Done	**12.60**	**Sqm**
						Qty on this Bill	**12.60**	**Sqm**

ACCEPTED KRN

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **125**

Item Name: Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM of machinery complete as per Ground Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Ground Floor								
	29.00	1.50				0.60	26.10	
						Total Qty Work Done	26.10	Sqm
						Qty on this Bill	26.10	Sqm

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Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
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Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **130**

Item Name: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Considered 18 Kg/sqm) All Floors

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
All Floors - Considering 18 kg/sqm								
Terrace floor								
Door	1.00	1.20			2.10	18.00	45.36	
Ventilators	1.00	0.60			0.60	18.00	6.48	
Window	1.00	2.00			1.50	18.00	54.00	
Duct closer	1.00	1.00			0.75	18.00	13.50	
East side Handrail						18.00	18.00	
First Floor	1.00	61.50			0.90	18.00	996.30	
Second Floor	1.00	61.50			0.90	18.00	996.30	
Third Floor	1.00	61.50			0.90	18.00	996.30	

First Bill	**Qty**	**0.00 Kgs**
Second Bill		
Qty vide on Measurement Sheet...File No - 2, Page No - 306	**Qty**	**3888.00 Kgs**
Third Bill	**Qty**	**3126.24 Kgs**
	Total Qty Workdone	**7014.24 Kgs**
	Deduct Paid Qty	**3888.00 Kgs**
	Qty on this Bill	**302.00 Kgs**
	Reserved Qty Want Of Approval	**2824.24 Kgs**

2130

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **137**

Item Name: Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m Specification No. KBS 7.10 / 7.12 First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	
Third Floor								
Shutters	2	2.90				3.200	18.56	
	1	2.50				3.200	8.00	

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First Bill	Qty	0.00 Sqm
Second Bill		
Qty vide on Measurement Sheet...File No - 2, Page No - 304	Qty	455.81 Sqm
Third Bill	Qty	53.12 Sqm
	Total Qty Workdone	508.93 Sqm
	Deduct Paid Qty	455.81 Sqm
	Qty on this Bill	9.79 Sqm
	Reserved Qty Want Of Approval	43.33 Sqm

53.12

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	139
Item Name:	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Bathroom Entrance Doors	4.00						4.00	
South side balcony door	1.00						1.00	
First Floor								
South side balcony door	1.00						1.00	
Total Qty Work Done							**6.00**	**Sqm**
Qty on this Bill							**6.00**	**Sqm**

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	140
Item Name:	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
Bathroom Entrance Doors	4.00						4.00	
South side balcony door	1.00						1.00	
						Total Qty Work Done	**5.00**	**Sqm**
						Qty on this Bill	**5.00**	**Sqm**

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: 142

Item Name: Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using 1100V grade, copper conductor flecxible multistrand FRLS PVC insulated, 2x.1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet.Point wirig using class A Materials b) Medium point above 3.0M upto 6.0M from tapping point to outlet via switch box

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
Left side office								
From switch box to	18.00						18.00	
Bath room	4.00						4.00	
Right side office								
From switch box to	14.00						14.00	
Bath room	4.00						4.00	
Centre Bathroom	8.00						8.00	
Third Floor								
Left side office								
From switch box to	18.00						18.00	
Bath room	4.00						4.00	
Right side office								
From switch box to	14.00						14.00	
Bath room	4.00						4.00	
Centre Bathroom	8.00						8.00	
						Total Qty Work Done	**96.00**	**Nos**
						Qty on this Bill	**96.00**	**Nos**

Chd Engr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	143
Item Name:	Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using 1100V grade, copper conductor flecxible multistrand FRLS PVC insulated, 2x.1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet.Point wirig using class A Materials c) Long point above 6.0M upto 10.0M from tapping point to outlet via switch box

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Ground Floor								
Towards BBMP	16.00						16.00	
Towards Ground	18.00						18.00	
Fisrt Floor							0.00	
Towards BBMP	16.00						16.00	
Towards BBMP	16.00						16.00	
Towards Ground	18.00						18.00	
Corridor area	4.00						4.00	
All Floor Staircase	4.00						4.00	
						Total Qty Work Done	**76.00**	**Nos**
						Qty on this Bill	**60.00**	**Nos**
						Reserved Qty Want Of Approval	**16.00**	**Nos**

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Contractor Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No: **146**

Item Name: Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall a)1-3Way

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Second Floor								
	Left side office	2.00						2.00	
	Right sid office	2.00						2.00	
	General Bathroom	4.00						4.00	
	Third Floor								
	Left side office	2.00						2.00	
	Right sid office	2.00						2.00	
	General Bathroom	4.00						4.00	
							Total Qty Work Done	**16.00**	**Nos**
							Qty on this Bill	**10.00**	**Nos**
							Reserved Qty Want Of Approval	**6.00**	**Nos**

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